

April Meetings

Dates & Times

Matinee 2:30 p.m. Wednesday, April 14, 1982
Evenings, 8:00 p.m. Wednesday and
Thursday, April 14 and 15, 1982

Place

May Treat Morrison Auditorium

Speaker

Dr. James Deetz

Subject

"Reassembling History"

A continent separates the Contra Costa hills and the quiet pastures of Virginia but the two areas have one thing in common. They are both the sites of archaeological digs headed by Lowie Museum director, Dr. James Deetz, anthropologist.

Somersville, founded in 1856 in Contra Costa County, was a coal-mining town extracting low-grade coal from Mount Diablo. Flowerdew Hundred Plantation in Virginia was one of the earliest English settlements in the New World producing corn and tobacco. Dr. Deetz, a leader in the relatively new field of historical archaeology is assembling the history of both of these sites.

Join Dr. Deetz for a fascinating trip through time examining the culture and lifestyles of native Americans, settlers, farmers and miners and for a look at the various methods and sources used to reassemble history.

Your membership card admits you through the main entrance of Cowell Hall for the evening presentations and through Cowell Hall and Wattis Hall entrances for the matinee. Please be prepared to show your card once again at the auditorium door for the matinee presentation.

SNEAK PREVIEW: Edwin Bernbaum will give a slide/lecture entitled "Hidden Valleys of the Himalayas" at the members' meetings on May 12 and 13, 1982

Special Exhibits



Rose and Driftwood, San Francisco, California

Two new exhibits featuring the works of famed photographer, Ansel Adams, will open April 16 in the Patricia Price Peterson and Atholl McBean Galleries. **Ansel Adams: The 80th Birthday Retrospective** is a comprehensive exhibition of 120 works dating from his earliest works in 1916 through 1979. It includes such famous photographs as "Moonrise, Hernandez, New Mexico, 1941" and "El Capitan, Winter Sunrise, Yosemite National Park, California". Organized by Mary Alinder for the Monterey Peninsula Museum of Art.

The Unknown Ansel Adams contains 60 works from his negative files that have never been seen before, including a 1981 portrait of Adams' close friend, artist Georgia O'Keeffe, plus the first showing ever of Adams' color photography. Organized by Jim Alinder for the Friends of Photography. Both shows will run through August 1.

Italy: A Country Shaped by Man, a unique exhibition of art works, artifacts, books and audio-visuals, continues through June 6. Sponsored by the Turin-based Giovanni Agnelli Foundation. Continuing photography exhibits are **The Black-tailed Deer** (through May 16) and **Portraits of the Southwest** (through June 6).

Morrison Planetarium

Even though we no longer have to worry about a planetary alignment causing earthquakes, **Cosmic Catastrophes** will continue its popular run at the Morrison Planetarium through May. Enjoy this show at the following times: Monday through Friday at 2:00 p.m., Wednesday and Thursday evenings at 7:30, and Saturday and Sunday at 12:30, 2:00 and 3:30 p.m. Holiday schedule April 5 through 9 at 11:00 a.m., 12:30, 2:00 and 3:30 p.m.

Don't miss **Exploring the Skies of the Season**, an enjoyable tour of the current night sky over San Francisco, every Saturday and Sunday at 11:00 a.m. Please use your complimentary passes for both of these shows.

Light Shows

Enliven your Spring with a visit to one of Eye See the Light Show, Inc.'s light shows. **Spotlight: The Beatles** - music by the most influential group in the history of popular music.

Thursday and Sunday at 9:00 p.m.
Friday and Saturday at 7:30 p.m.

Lights Fantastic - classical, jazz, rock and electronic music for the whole family.
Saturday and Sunday at 5:00 p.m.

Rock Fantasy - ELO, Pink Floyd, Jefferson Starship and more.
Friday and Saturday at 9:00 and 10:30 p.m.
Sunday at 7:30 p.m.

Extra holiday shows April 5 through 9 at 5:00 p.m. and on April 5 and 6 at 7:30 p.m. Call 221-5100 (ext. 269) for exact program titles.

Tickets are available through BASS at 835-3849. Admission for adults is \$4.00 for evening presentations and \$3.50 for matinee (5:00 p.m.). Admission to all shows for children 10 and under and for senior citizens is \$2.00. Members are reminded that these are *not* regular planetarium shows, so your planetarium passes are *not* usable for these presentations.

Have artistic skills? Want to put them to use? The Exhibits Department needs a corps of volunteers to prepare foreground materials to replace our wilted leaves, flowers, grasses and trees in North American Hall. Call Theresa Norris at 221-5100 ext. 219 for an application.

Junior Academy Field Trips

Once again the Junior Academy is offering field trips in April and May. Please call the Junior Academy at 221-5100 ext. 221 for further information.

California's water is one of the most important issues facing us today. What's happening to the Bay and the Delta? Is the water cleaner than it was last year? Are there more shellfish than 10 years ago? What impact will the Peripheral Canal have on our everyday lives? A special conference entitled "**State of the Bay**" will be presented on Friday, June 4, in the Morrison Auditorium to answer these questions and your participation is encouraged and needed. Watch for details and a registration form in your May Newsletter or call the Oceanic Society at 441-5970 for information. "**State of the Bay**" is a cooperative effort presented by The California Academy of Sciences, the San Francisco Chapter of the Oceanic Society, the Bay Conservation and Development Commission, the Bay Area Council, the American Planning Association, the Tiburon Center for Environmental Studies, and the Army Corps of Engineers.

SPECIAL PRESENTATION

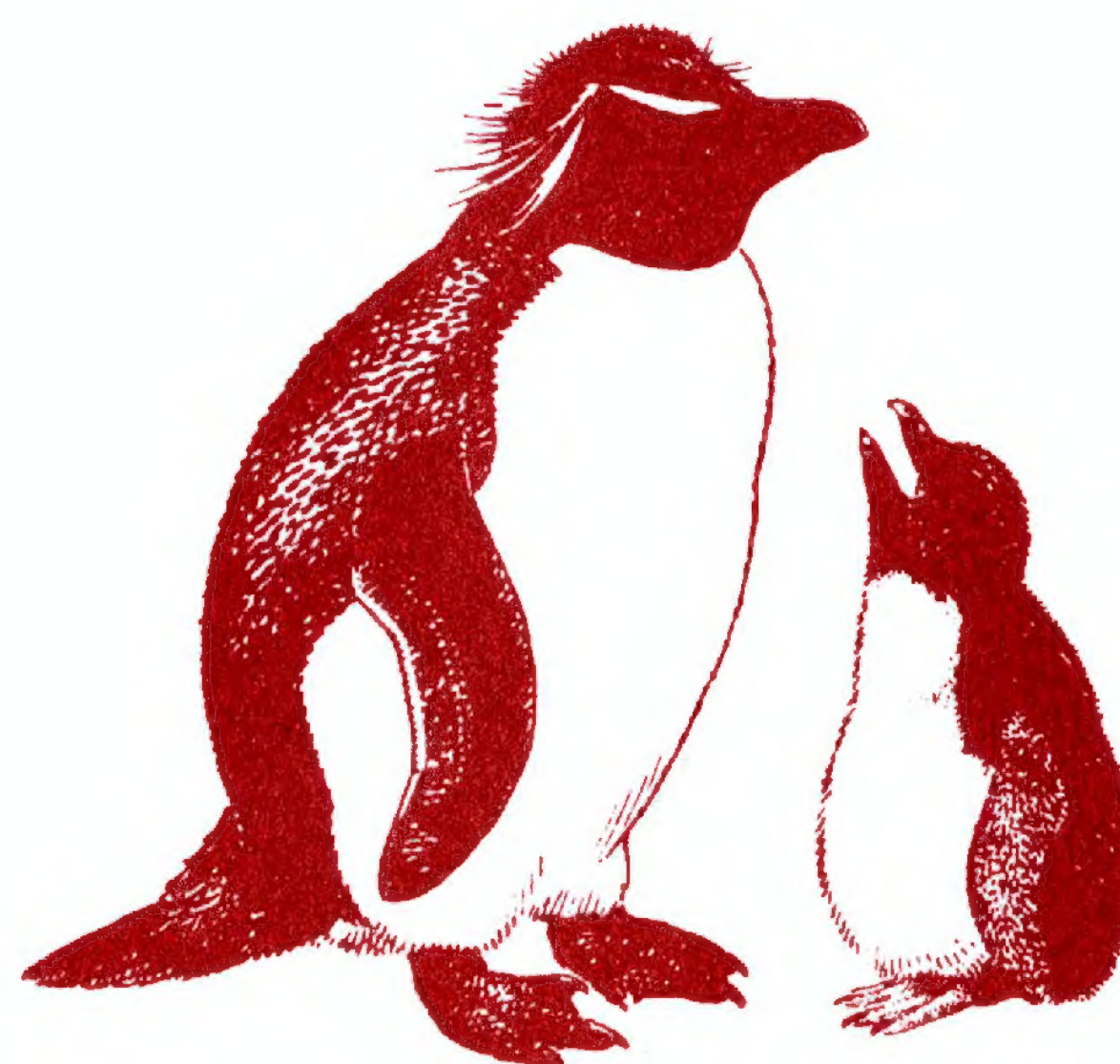
Antarctic Adventure

Speaker: James Snyder
8:00 p.m. Morrison Auditorium
Tuesday, April 13, 1982

At the bottom of the world lies the coldest, windiest and highest continent, with a land mass greater than that of Mexico and the United States combined - Antarctica! On this ice-covered continent is one of the greatest concentrations of wildlife found anywhere, spectacular mountain and ice scenery, and an opportunity to explore the globe's last major frontier. Antarctica was opened up to tourists by Lars-Eric Lindblad and his ship the *Explorer*.

James Snyder, an experienced wildlife photographer, has called the *MS Lindblad Explorer* home for the last four years as a naturalist-lecturer, scuba diving leader and zodiac operator on expeditions all over the world. In this special presentation Mr. Snyder will include slides and a film, all taken from the *Explorer*, and will lecture on the coastal areas of the continent and the sub-antarctic islands, such as the Falklands.

Admission to this special presentation is free.



IT'S A STAR PARTY!

Wednesday, April 28th
8:00 p.m.
Morrison Auditorium

On Wednesday night, the face of Jupiter, the rings of Saturn and a crescent moon will fill the sights of our Dobsonian telescopes.

Join John Dobson, founder of Sidewalk Astronomers, as he presents a slide/lecture on how telescopes work and how to build your own telescope using the now famous "Dobsonian Mount". It's easier than you think! Following Mr. Dobson's lecture, we will move out-of-doors to the front of the Academy to view the night sky through several Dobsonian telescopes which will be provided by the Sidewalk Astronomers.

Free to all. Come and join in the fun!

Explore the world of nature as a participant in an Academy Adult Education course. Four fascinating and informative courses begin in May. Information appears in your Summer Activities Calendar. For a copy of the calendar and additional information, please call the Education/Travel Office at (415) 221-5100, ext. 211.

MAKE YOUR OWN TELESCOPE

May 3 & 5, 10 & 12, 17 & 19 and June 2 & 3
(8 sessions)

7-9:00 p.m.

Instructor: John Dobson

Cost: \$25 members, \$30 non-members plus materials fees of approximately \$140.

Don't miss this opportunity to build your own telescope! The Dobsonian telescope is far less costly than commercially manufactured telescopes and is easy to make. The wonders of the night sky await your night-time viewing.

STARGAZING FOR BACKPACKERS

May 4 - June 1

7-9:00 p.m.

Instructor: Kenneth Wilson

Cost: \$20 members, \$25 families

\$25 non-members, \$30 families

All campers know how beautiful the night sky can be away from the lights of the City. Now you can learn the names of those

points of light, how to use a star chart, and how to use your binoculars to get a closer look at the heavens.

BUDDING NATURALISTS AT PEPPERWOOD

May 11 & 18 (Lectures)

7-9:30 p.m.

May 22 (Field Trip)

Instructors: Dr. Frank Almeda, Botany
Dr. Luis Baptista, Ornithology
Dr. David Kavanaugh, Entomology
Ms. Jean Smith, Geology

Cost: \$25 members, \$35 non-members, includes transportation, instruction and refreshments

Join Academy staff members to learn the skills and techniques used by naturalists in the field. With slide/lectures and use of the Academy's collections, we will learn how to wisely collect and identify. A field trip to Pepperwood Ranch to practice our new skills completes this course.

AQUA-CARE: Aquarium Husbandry and Maintenance

May 13 - 27

(3 Thursdays)

7-9:00 p.m.

Instructor: John Hewitt, Steinhart Biologist

Cost: \$15 members, \$20 non-members

Learn how to set up and maintain freshwater and marine aquaria! Steinhart Aquarium will serve as a classroom as both beginning and advanced aquarists learn to successfully enjoy this hobby in their home. Aquarium theory, fish nutrition, fish diseases, fish behavior and aquarium maintenance will be discussed.

Chesapeake Bay and Highlights of the Smithsonian

May 4-15

Wait list only.

For information, please call Siemer & Hand, Ltd. at (415) 788-7186.

Alaskan Cruises

May 7 and May 17

Members will board the *M.V. Majestic Alaska Explorer* for cruises into the more remote regions of southwest Alaska. Dr. and Mrs. Robert T. Orr will accompany Academy members as they explore scenic fiords, bays and beaches, and observe black bears, humpback whales and more. Spaces are

available on both cruise dates. For information and a brochure, please call the Academy Travel Office at (415) 221-5100.

Snake River Birds of Prey Expedition

May 22 - 27

Naturalists Bob Nansen and William Meiners will lead Academy members on a six-day field study tour into the scenic Snake River Birds of Prey Area. The densest known nesting population of birds of prey, including 14 species of falcons, eagles, hawks, owls and more than two hundred pairs of the rare prairie falcon, live in the Snake River canyon. From home base in Boise, outings will be by van and by foot, plus two "day" float trips on the Snake River. Cost is \$650 per person, plus air fare. For information, please call Betchart Expeditions at (408) 245-9517.

Darwin's Galapagos

June 30 - July 13

Friendly sea birds, sea lions, marine and land iguanas, and famous Galapagos tortoises await Academy members on our annual tour to those "living laboratories of evolution" known as the Galapagos Islands. We will cruise in comfort aboard the M.V. Santa Cruz through the island chain, going ashore by small boats called "Humbers" and exploring on foot. A fine group of naturalists will lecture on the splendid array of flora and fauna and the geologic history of the islands. Costs range from \$2400 to \$3230 per person, depending upon your accommodations aboard, plus air fare. For information and a colorful brochure, please call the Academy Travel Office at (415) 221-5100.



Peru Archaeological Discovery

July 14 - 30

The spectacular scenery of the Urubamba Valley and the snow-covered mountains of the Cordillera await Academy travellers in Peru. Dr. Dorothy Washburn, Chairman of the Academy's Department of Anthropology, will guide members to major archaeological sites such as Chan-Chan, Chavin de Huantar, Machu Picchu and the famous Nazca Lines. A trip by train to Lake Titicaca, the highest lake in the world, will complete this exciting tour. Cost is \$1900 plus air fare. For information, please call the Academy Travel Office at (415) 221-5100.

American West Spectacular

July 21 - August 6

Join Academy members for a 17-day introduction to the natural history and ecology of the finest national parks and natural environments in the west. Highlights of this diverse itinerary include Yosemite and the High Sierra, Mono Lake and the White Mountains, Zion, Bryce and the Grand Canyon, and the pristine eco-systems of the Grand Tetons and Yellowstone National Park. Travel is by 15-passenger vans and by air. Cost is \$1250 per person for land arrangements and \$311 for air at current rates. For information and a brochure, please call Betchart Expeditions at (408) 245-9517.

Kenya Safari

August 6-28

Gorilla Tracking in Rwanda

August 26 - September 4

Kenya is a land of great contrasts, from broad sweeping savannah lands to lush mountain peaks. This special itinerary is designed to cover the diverse regions of this colorful African country. Dr. Robert Drewes will lead members on a safari that includes Tsavo National Park, Amboseli National Park, Mountain Lodge for night-time game viewing, Samburu National Park, and camping in the Lake Baringo area and the Maasai Mara Game Reserve. We will fly to Mom-basa to relax on Kenya's scenic beaches before our return home. An optional extension into the jungle regions of Rwanda to meet, face-to-face, with the remarkable mountain gorillas is offered for those who wish to participate in a truly unique African

experience. Cost is \$3190 for the Kenya portion, plus air fare. The Rwanda extension is \$1115 plus air fare. For information, please call Siemer & Hand, Ltd. at (415) 788-7186.

Kashmir and Ladakh Walking Expedition
September 2 - 26

Attention vigorous and experienced hikers! With the guidance of Robert Fleming, Jr., one of the foremost Himalayan naturalists, Academy members will participate in a 25-day walking expedition to study the natural history and cultural diversity of Kashmir and Ladakh. A nine-day pony trek into the Vale of Kashmir highlights this special travel experience. Cost is \$2190 plus air fare. For information, please call Nature Expeditions at (415) 494-6572.

A Safari In Australia
September 18 - October 10

The comprehensive itinerary for Safari In Australia was especially planned by Dr. Robert T. Orr who has led Academy trips "down under" in the past and will also lead this one. A delightful one-week extension to New Zealand's north island has also been planned. For information, please call the Academy Travel Office at (415) 221-5100.

Antarctica

Four departure dates:

November 13

November 30

December 24

January 17

Truly a unique and exciting destination, Antarctica is a land of abundant wildlife and startling, dramatic beauty. Cruising aboard the *Lindblad Explorer*, one may expect to see huge aggregations of penguins, albatross, terns and other birds, sea lions, fur seals, elephant seals, and porpoises. There will also be opportunities to visit the research stations of Chile and Argentina and the American Palmer Station. Dr. Sylvia Earle, of the Academy, will lead the December 24th and January 17th departures. For information and a colorful brochure, please call the Academy Travel Office at (415) 221-5100.

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